

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	7102750	produc\$3 develop\$3 devise construct cultivate make propagate	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/01 15:14
S2	1006	sporangia	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/01 15:14
S3	26499	spore\$ parasporal	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/01 15:15
S4	207	bacill\$ ADJ3 popilliae	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/01 15:16
S5	0	"bacillus popilliae semadera"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/01 15:35
S6	209	"paenibacillus popilliae" "bacillus popilliae" "paenibacillus lentimorbus"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/01 15:36
S7	0	"paenibacillus ADJ1 popilliae" "paenibacillus ADJ1 lentimorbus"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/01 15:37
S8	12	S1 and S2 and S3 and S4 and S6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/02 13:32
S9	287281	culture culturing cultured cultivating	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/01 15:40
S10	85	S9 and S6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/02 13:33
S11	41452	proline	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/01 15:41
S12	18	S10 and S11	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/01 15:52

S13	5	S8 and S11	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/01 15:42
S14	2	"4824671".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/01 17:09
S15	3	"2002182693"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/01 17:10
S16	0	"us 2002182693"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/01 17:10
S17	0	"us2002182693"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/01 17:10
S18	0	US2002182693	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/01 17:10
S19	209	"paenibacillus popilliae" "bacillus popilliae" "paenibacillus lentimorbus"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/01 17:24
S20	287281	culture culturing cultured cultivating	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/01 17:24
S21	31	S20 and S19 and glutamic and acid	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/01 17:25
S22	85	S20 and S19	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/01 17:38
S23	53745	liquid NEAR medium	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/02 11:24
S24	41535	proline	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/02 11:59

S25	212	"L12" and S24	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/02 11:24
S26	2690639	growth culture liquid	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/02 11:24
S27	561673	S26 and medium	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/02 11:25
S28	142262	S26 NEAR medium	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/02 11:27
S29	252	proline.clm. same (liquid or solution or media or medium or agar or plate or plating or tube).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/02 11:41
S30	16577	S24 and S28	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/02 11:31
S31	7900	"non essential amino acids" "essential amino acids"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/02 11:33
S32	2726	S31 and S24	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/02 11:33
S33	2034	S28 and S32	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/02 11:33
S34	211	"paenibacillus popilliae"; "bacillus popilliae" "paenibacillus lentimorbus"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/02 11:35
S35	0	S34 and S33	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/02 11:34
S36	50089	paenibacillus popilliae bacillus lentimorbus and S33	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/02 11:35

S37	254	bacillus NEAR paenibacillus popilliae lentinorbus and S33	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/02 15:17
S38	211	"paenibacillus popilliae" "bacillus popilliae" "paenibacillus lentinorbus"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/02 11:41
S39	0	S29 and S38	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/02 11:41
S40	254	bacillus NEAR paenibacillus popilliae lentinorbus and S29	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/02 11:41
S41	131953	proline "azetidinecarboxylic acid" "peptidylprolyl isomerase" procollagen tropocollagen "proline oxidase" "pyroglutamyl-peptidase I" "pyrroline carboxylate reductase" "transfer pro"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/02 12:03
S42	102	S34 and S41	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/02 12:04
S43	1006	sporangia	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/02 12:04
S44	5	S43 and S42	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/02 12:35
S45	103	"chiba prefecture".as.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/02 12:35
S46	1	S45 and proline	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/02 12:38
S47	24566	"dainippon ink".as.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/02 12:39
S48	6	S47 and proline	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/02 13:45

S49	101191	S47 and glutamine "glutamic acid" collagen	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/02 13:24
S50	101190	S48 and glutamine "glutamic acid" collagen	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/02 13:25
S51	101192	S34 and glutamine "glutamic acid" collagen	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/02 13:26
S52	101190	S42 and glutamine "glutamic acid" collagen	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/02 13:26
S53	67513	@py<"2003" and S52	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/02 13:29
S54	67513	S53 and S51	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/02 13:29
S55	287693	culture culturing cultured cultivating	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/02 13:33
S56	31	S55 and S38 and "glutamic acid"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/02 13:43
S57	2	"4824671".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/02 13:43
S58	1	"20040221333"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/02 14:31
S59	287693	culture culturing cultured cultivating	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/02 15:15
S60	85	S59 and S34	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/02 15:15

S61	2	S60 and "pyruvic acid"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/02 15:23
S62	254	bacillus NEAR paenibacillus popilliae lentimorbus and S33 and "pyruvic acid"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/02 15:25
S63	0	S48 and "pyruvic acid"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/02 15:23
S64	137	@py<"2003" and S62	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/02 15:25
S65	41579	proline	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/07 14:59
S66	2694421	growth culture liquid	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/07 14:59
S67	142405	S66 NEAR medium	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/07 14:59
S68	7909	"non essential amino acids" "essential amino acids"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/07 14:59
S69	2730	S68 and S65	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/07 14:59
S70	2037	S67 and S69	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/07 14:59
S71	256	bacillus NEAR paenibacillus popilliae lentimorbus and S70 and "pyruvic acid"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/07 14:59
S72	137	@py<"2003" and S71	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/07 14:59

S73	51	"424"/\$.ccls. and S72	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/07 15:03
S74	14	"530"/\$.ccls. and S72	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/07 15:03
S75	53	"435"/\$.ccls. and S72	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/07 15:03
S76	33	"514"/\$.ccls. and S72	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/07 15:04
S77	3	"436"/\$.ccls. and S72	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/07 17:32